

What is claimed is:

1. A fluid filtration system of well workover fluids, said system comprising:

a first settling tank which stores fluid;

a second settling tank which stores fluid;

5 a low pressure pump in fluid communication with said first and second settling tanks;

a low pressure filter in fluid communication with said first and second settling tanks;

a high pressure pump in fluid communication with said second settling tank; and

a high pressure filter in fluid communication with said second settling tank.

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2. A fluid filtration system as claimed in claim 1, wherein said high pressure filter comprises:

an inlet;

an outlet; and

15 a filter canister in fluid communication with said inlet and said outlet, the filter canister comprising a perforated base pipe and a media screen.

3. A fluid filtration system as claimed in claim 2, further comprising a by-pass line in fluid communication with said inlet and said outlet.

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4. A fluid filtration system as claimed in claim 1, wherein said high pressure filter comprises:

an inlet;

an outlet;

a plurality of input feed lines in fluid communication with said inlet;

a plurality of output feed lines in fluid communication with said outlet;

5 a plurality of filter canisters, wherein at least one filter canister is in fluid communication with each input feed line and each output feed line.

5. A fluid filtration system as claimed in claim 4, wherein each filter canister of said plurality of filter canisters comprises a perforated base pipe and a media screen.

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6. A fluid filtration system as claimed in claim 4, wherein said plurality of filter canisters comprise a plurality of media screens, wherein at least two of said plurality of media screens are different.

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7. A fluid filtration system as claimed in claim 6, further comprising a by-pass line in fluid communication with said inlet and said outlet.

8. A fluid filtration system as claimed in claim 1, wherein said high pressure filter is an in-line filter in direct fluid communication with said high pressure pump.

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9. A high pressure fluid filter of well workover fluids, said filter comprising:

an inlet;

an outlet; and

a high pressure filter canister in fluid communication with said inlet and said outlet,  
the filter canister comprising a perforated base pipe and a media screen.

5 10. A high pressure fluid filter as claimed in claim 9, further comprising a by-pass line in fluid communication with said inlet and said outlet.

11. A high pressure fluid filter as claimed in claim 9, wherein said filter is an in-line filter.

10 12. A high pressure fluid filter as claimed in claim 9, wherein said high pressure filter further comprises:

a plurality of input feed lines in fluid communication with said inlet;

a plurality of output feed lines in fluid communication with said outlet;

a plurality of high pressure filter canisters, wherein at least one filter canister is in  
15 fluid communication with each input feed line and each output feed line.

13. A high pressure fluid filter as claimed in claim 12, wherein each filter canister of said plurality of filter canisters comprises a perforated base pipe and a media screen.

20 14. A high pressure fluid filter as claimed in claim 12, further comprising a by-pass line in fluid communication with said inlet and said outlet.

15. A high pressure fluid filter as claimed in claim 12, wherein said plurality of filter canisters comprise a plurality of media screens, wherein at least two of said plurality of media screens are different.

5 16. A process for filtering fluid for circulation in a well, the process comprising:  
standing the fluid a first time, whereby debris in the fluid is allowed to settle;  
filtering under a first pressure the fluid of said standing the fluid a first time,  
whereby further debris is removed from the fluid;  
standing the fluid a second time, whereby further debris is allowed to settle; and  
10 filtering the fluid of said standing the fluid a second time under second pressure,  
wherein the second pressure is higher than the first pressure, whereby further  
debris is removed from the fluid.

17. A process as claimed in claim 16, wherein said standing the fluid a first time comprises  
15 pumping the fluid into a first settling tank and allowing the fluid to stand  
substantially still for a period of time, wherein said standing the fluid a second time  
comprises pumping the fluid into a second settling tank and allowing the fluid to  
stand substantially still for a period of time.

20 18. A process as claimed in claim 16, wherein said filtering under a first pressure the fluid  
of said standing the fluid a first time comprises pumping the fluid through a filter.

19. A process as claimed in claim 16, wherein said filtering under a second pressure the fluid of said standing the fluid a second time comprises pumping the fluid through a filter.
- 5 20. A process as claimed in claim 16, further comprising regenerating a filter used in said filtering under a second pressure.